

THE NEXT GENERATION



GYRO COMPASS



High-latitude Arctic Sailing

Provide accurate direction in area between **70°-80° latitude**. Ideal for **Arctic sailing**. This capability has been field-proven by the scientific research fleets in the Arctic regions.



Quick Start-up Time

Quick start-up time enables frequent shutdown and during shore power connection. Despite heavy weather, Stop and start in **10 mins at Mooring, and 30 mins at Sailing**.



Inertial Navigation

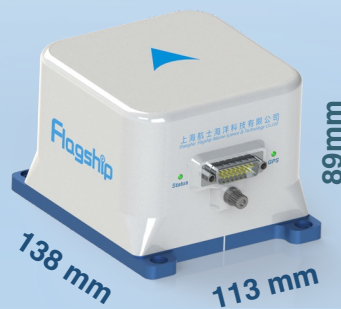
Ships can sail without GPS signals for a maximum of **60 days with less than 0.3° deviation**.



Compatibility

Compatible with various navigation systems from **multiple mainstream gyroscope manufacturers**. Easily replace and upgrade compasses on operational ships.

Flagship 19A



3 KG only



High Accuracy

The accuracy is at **(0.04°~ 0.22°) x sec φ**. The high accuracy enable ships to sail at **shorter distance** to save substantial fuel.



Reliable & Low Maintenance

Very low maintenance cost. **Little or no spare part cost**. No annual calibration. Very low probability of unexpected breakdown. No moving parts.



Compact & Shock-resistant

Compact size, lightweight design, and robust shock and vibration resistance. **Weight 3 kg only** and Ideal for delivery.



Multi-functionality

Provide additional functions of **inclinometer** and **MRU**, certified by China Classification Society (**CCS**) and Bureau Veritas (**BV**). Complies with **SOLAS** international convention

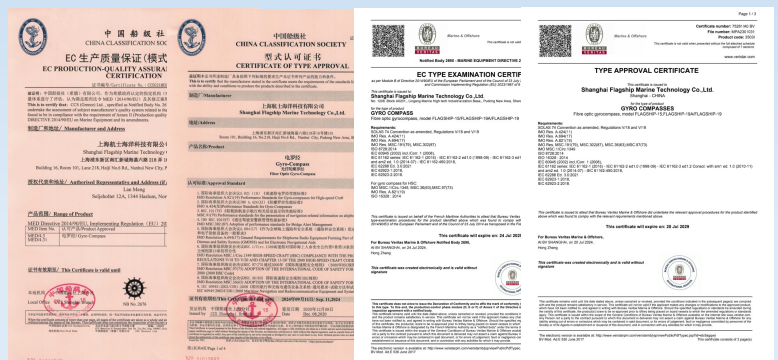


Flagship

FLAGSHIP SERIES

MARINE FIBER OPTIC GYROCOMPASS

Certificate & Approval



China Classification Society (CCS) & Bureau Veritas (BV) type approved certificates. DNV is under final approval.



FLAGSHIP SERIES

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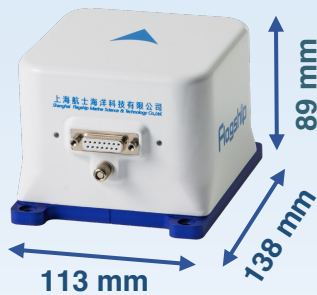
Technical Specifications

Flagship Fiber Optic Gyrocompass		IMO Standard
Accuracy	(0.04°~ 0.22°) x sec φ	0.25° x sec φ
Startup Time	10min at Mooring, 30min at Sailing	6hrs
Rate of Turn	600° /s	20° /s
Roll & Pitch accuracy	±0.03° ~ ±0.07°	N/A
Working Latitude Range	0° ~ ±80°/s(Flagship-15/15A/19A)	0°~±70°
Working Temperature	-10°C ~ 55°C	
Storage Temperature	-30°C ~ 70°C	
Installation	1~2 mandays	
Power Consumption	< 30W	
Weight	10kg (Flagship-15/15A) 3kg (Flagship-19A)	
Size(mm)	272*192*191 (Flagship-15/15A) 138*113*89 (Flagship-19A)	

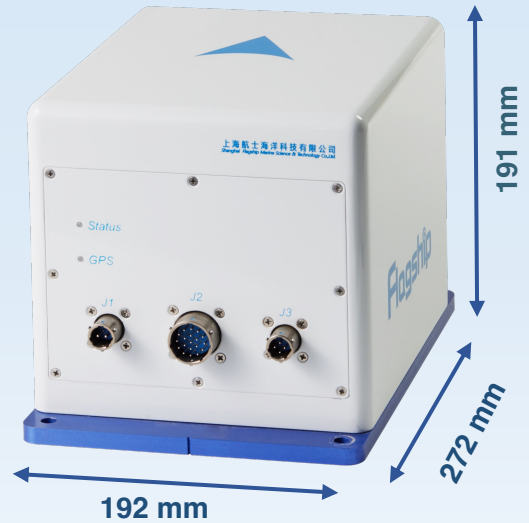
Flagship Marine Fiber Optic Gyrocompass uses an advanced algorithm to automatically calculate the precise location of the vessels even in extreme circumstances and with no effects from magnetic and electronic interference.



**Flagship
Internal View**



Flagship 19A



Flagship 15/15A



Tecway Maritime Technology Limited

Tecway Maritime Technology Ltd. was established in 2016 in Hong Kong. The company specializes in maritime equipment and systems, focusing on identifying, promoting, and distributing innovative, high-quality, and cost-effective solutions for our clients.

Our experienced sales team has cultivated strong relationships with clients, leveraging our knowledge, integrity, and comprehensive pre-sales and after-sales services. These efforts have established Tecway as a leading technical consultant in the industry.

The Fiber Optic Gyrocompass has received **BV certification** and is currently preferred by numerous prominent corporate clients both nationally and internationally.



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